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County Borough of



West Hartlepool

ANNUAL REPORT

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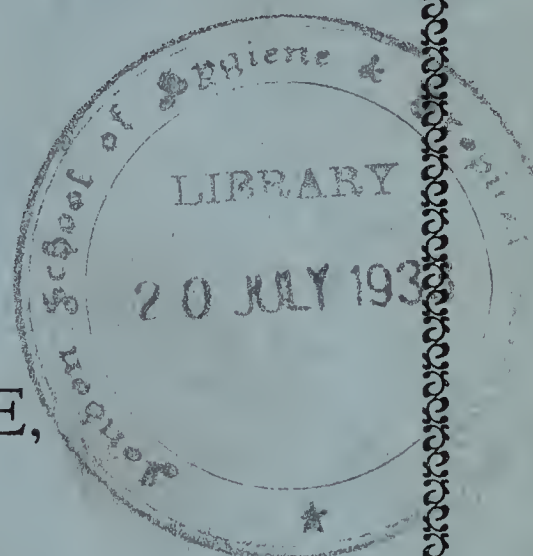
Health of West Hartlepool

FOR THE YEAR 1932

BY

JOHN W. McKEGGIE,

M.B., Ch.B., D.P.H.,
MEDICAL OFFICER OF HEALTH,
TUBERCULOSIS OFFICER,
SCHOOL MEDICAL OFFICER.



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REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

FOR THE YEAR 1932.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL BUILDINGS,
WEST HARTLEPOOL,

MAY, 1933.

*To the Mayor, Aldermen and Councillors of the
County Borough of West Hartlepool.*

I have the honour to submit my third Annual Report on the health of the County Borough of West Hartlepool.

The year 1932 was from many points of view a bad year, and many hoping for a return to better times heaved a sigh of relief when the year closed.

It was a year when economies were being exercised, both publicly and privately. Wages had been lowered, purchasing power reduced, tradesmen were slack, rates although reduced slightly were still considered too high, unemployment was higher than before, the Public Assistance Committee were applying the Means Test, there were hunger marches, there were prevailing a certain amount of nervous tension and strain, and how did all these affect health statistics?

Generally speaking, the answer for 1932 would be "not at all," for the general Death Rate just reaches the average for the past ten years for the country as a whole, and is well below the average for ten years locally. Infectious Disease statistics for the year, with one exception, are also good, and the Infantile Mortality Rate only a fractional amount above the average for the past ten years and below that for 1931.

Although these figures are satisfactory for the period under review it is not to be regarded in the nature of a proof that this period of stress has not affected the population in some way or other, so far not disclosed, and that it may not show itself in the years to follow; for ill effects of

poor feeding, not amounting to starvation, nervous strain, overcrowding, bad housing, etc., need not necessarily show themselves immediately, but are prone to disclose their effects after a number of years.

I should further add that 1932 from a weather point of view was a good year, and long spells of sunny dry weather were encountered in the summer months, while the winter months were not particularly severe.

It is pleasing to note that the Death Rate from Pneumonia is considerably reduced, but only too obvious that more intensive efforts towards combating the significant increase in Cancer deaths should be undertaken.

Another disquieting fact is the state of affairs in regard to Tuberculosis, referred to more fully in the body of the report. I have pointed out in Committee on several occasions that the whole position is against us making any startling improvement, and we must be thankful to hold our own until times and conditions, both economical and environmental, can be improved for these people.

I am,

Yours faithfully,

J. W. McKEGGIE,
Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres), prior to 1st April, 1932	...	...	...	2,958
do. after Borough Extension	...	...	...	4,473
Population (Census 1931)	...	...	...	68,134
Population (Registrar-General's Estimate, 1932)	...	...	...	69,830

The calculations in the Report are based on the latter figure.

Number of Inhabited Houses on 31st December, 1932,

according to Rate Books	...	...	...	15,950
Rateable Value (1st April, 1932)	...	...	...	£323,588
Sum represented by a Penny Rate	...	...	...	£1,217
Birth Rate	...	...	...	20·30
Death Rate	...	...	...	12·08
Infantile Mortality Rate	...	...	...	89·00

SOCIAL CONDITIONS.

I have nothing to report beyond my last years remarks, except that financial conditions being as hard as ever, more calls were made on the Health Department. The position is made doubly difficult from the fact that the amount of money allotted to the various sub-committees was reduced, at a time when more calls were being made on our services for necessitous cases.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Total	Male	Female	
Live Births—				} Birth Rate per 1,000 of the estimated resident population 20·3
Legitimate ...	1355	697	658	
Illegitimate ...	60	33	27	
Stillbirths 72.	Rate per 1,000 total births 50·8.			
Deaths 844.	Death rate per 1,000 of the estimated resident population 12·08			
Deaths from puerperal causes :—				
From Sepsis	...	...	3	
From other Causes	...	...	1	
			—	
Total	...	...	4	
Death rate of Infants under one year of age :—				
All Infants per 1,000 live births—				
Legitimate—87·6.	Illegitimate—1·4.	Total	89·0	
Deaths from Measles (all ages)	...	...	Nil	
Deaths from Whooping Cough (all ages)	...	...	12	
Diarrhoea (under 2 years of age)	...	...	19	

HEALTH COMMITTEE.

1931-32.

Chairman—

Alderman THOMAS CLARKSON, J.P.

Vice-Chairman—

COUNCILLOR E. BLOOM

*Members—*THE MAYOR (COUNCILLOR G. TURNBULL) *ex-officio*

ALDERMAN G. E. HOPE

ALDERMAN A. HYDE

ALDERMAN H. MASON

COUNCILLOR H. BAILEY (resigned 4/2/32)
 COUNCILLOR J. W. CAMERON
 COUNCILLOR R. CARNEY (appointed 4/2/32)
 COUNCILLOR J. H. FARMER
 COUNCILLOR T. GREEN
 COUNCILLOR H. L. HOGG
 COUNCILLOR J. G. MORGAN
 COUNCILLOR J. W. J. RICHARDSON
 COUNCILLOR MRS. WILSON

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

PUBLIC HEALTH STAFF.

Medical Officer of Health, School Medical Officer, etc.—

† J. W. McKEGGIE, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health—

† J. A. DUNLOP, M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health—

† JANE A. D. MACLEAN, M.D., B.Ch., B.A.O., D.P.H.

Consultant Surgeon, Grantully Maternity Home—

† A. V. MACGREGOR, M.D., F.R.C.S.

Ophthalmic Surgeon (part time)—

†*1 J. R. FOSTER, M.D., F.R.C.S.

†*2 J. FOSTER, F.R.C.S., D.O.M.S.

School Dentist (part time)—

† E. W. MANNERS, L.D.S. (Dunelm).

Veterinary Surgeon (part time)—

H. HICKS, M.R.C.V.S.

Sanitary Inspectors and Inspectors under Food and Drugs Acts—

J. T. DURKIN, C.R.S.I. H. V. ROBINSON, C.R.S.I.

Health Visitors—

† MISS E. WILKINSON, (Gen. Trained, Cert. Midwife, H.V. Cert.)

† MISS M. WILKINSON, do.

† MISS A. S. BAGSHAW, do.

† MISS E. PEACOCK, do.

†*3 MISS E. HUMPHRIES, do.

† MISS A. G. TODD, (Gen. and Fever Trained, Cert. Midwife,
H.V. Certificate).

Matron Grantully Maternity Home—

MISS J. WIGHT, (Gen. Trained, Certified Midwife).

School Nurses—

† MISS E. SMITH (Gen. Trained, Certified Midwife, H.V. Cert.)

† MISS H. DAVIES, (Gen. Trained, Certified Midwife).

Clerks—

A. TRENHOLM.

MISS H. A. RIGBY.

MISS M. PROUD.

MISS L. JARROLD.

*4 S. CLOUSTON.

Apprentice Sanitary Inspectors—

*5 HAROLD DURKIN.

*5 R. E. V. WARRAND.

*5 W. RODGERS.

Superintendent, Public Abattoir—

*6 WM. WATSON.

*7 H. J. STOTT.

Public Analyst (part time)—

CYRIL J. H. STOCK, B.Sc., F.I.C.

Venereal Diseases Attendant—

B. R. PEARSON.

Employed for Disinfecting, etc.—

J. ALLEN. T. HODGSON.

*1 Resigned 31st May, 1932.

*2 Appointed 1st June, 1932.

*3 Appointed 4th January, 1932.

*4 Appointed 8th August, 1932.

*5 Appointed 17th October, 1932.

*6 Died 14th June, 1932.

*7 Appointed 1st August, 1932.

HOWBECK INFIRMARY.

Senior Medical Officer—

DR. H. M. MACGILL, M.D., M.B., C.M.

Surgeon—

DR. ALAN C. AINSLEY, F.R.C.S., L.R.C.P.

Resident Medical Officer—

*8 DR. LILLIE S. DICKSON, M.B., Ch.B. (Edin.)

*9 DR. MABEL G. HALL, M.B., B.Ch., B.A.O.

District Medical Officers under the Poor Law Acts—

DR. R. W. HILLIS, L.R.C.P.I., & L.M., L.R.C.S.I., & L.M.
DR. A. RENNIE MUIR, M.R.C.S., L.R.C.P.

Public Vaccinators—

DR. R. W. HILLIS, L.R.C.P.I., & L.M., L.R.C.S.I., & L.M.
DR. A. RENNIE MUIR, M.R.C.S., L.R.C.P.

*8 Resigned 29th September, 1932.

*9 Appointed 22nd October, 1932.

NURSING IN THE HOME.

The Corporation continues to make a contribution to the District Nursing Association, who employ two qualified nurses.

The Health Visitors do a certain amount of home nursing in cases of pneumonia, ophthalmia neonatorum and puerperal fever.

MIDWIVES.

The work of the midwives was satisfactorily carried out during the year. Twenty-five midwives notified their intention to practise in the area, and their supervision was in the hands of Dr. Maclean, the lady Assistant Medical Officer.

POOR LAW RELIEF.

INSTITUTIONAL RELIEF.

1. Number of persons admitted to the Workhouse during 1932—

For Indoor relief	...	...	...	47
For medical treatment	...	...	...	1083
2. Number of persons in the Workhouse on 1st January, 1933
(excluding Colony patients)... .. 406

OUTDOOR RELIEF.

3. Number of new cases applying for outdoor relief only during 1932 :—

Men	...	...	...	1560
Women	...	...	...	1395
Children	...	...	...	2230

4. Number of persons receiving outdoor relief on 1st January, 1933 :—

Men ...	...	...	...	...	850
Women	...	...	...	...	969
Children	...	...	...	...	1047

5. Number of cases applying for outdoor medical relief only, during 1932 :—

Men ...	...	...	...	...	709
Women	...	...	...	...	442
Children	...	...	...	...	613

6. Number of persons receiving Medical relief on 1st January, 1933, who are also in receipt of outdoor relief as shown in paragraph 4 above :—

Men ...	...	...	...	...	22
Women	...	...	...	...	24
Children	...	...	...	...	20

LABORATORY FACILITIES.

Laboratory facilities remained the same as in former years.

LABORATORY WORK, 1932.

SPECIMENS EXAMINED.

Sputum	...	T.B. + 37 } T.B. —298 }	Dispensary } Doctors }	56 279	335
Swabs ...	...	Diphtheria + 23 } Diphtheria —253 }			278
Urines ...	...	T.B. 1 } Gonococcus 17 }			18
Smears	...	Doctors' cases 16 } V.D. Clinic 258 }			274
Swabs and Fluid, Cerebro Spinal Meningitis	...	...	...	...	29
Total ...					934

LEGISLATION IN FORCE.

LIST OF ADOPTIVE ACTS, PUBLIC GENERAL AND ADOPTIVE ACTS, BYE-LAWS AND LOCAL REGULATIONS RELATING TO PUBLIC HEALTH.

LOCAL ACTS :—

- West Hartlepool Extension and Improvement Act, 1870.
- West Hartlepool Corporation Act, 1931.

BYE-LAWS AND REGULATIONS :—

Bye-laws regulating :—Slaughter Houses, 1896 and 1920 ; Common Lodging Houses, 1888 ; Means of Escape in case of Fire (Factory and Workshops) 1914 ; Public Market, 1892 ; Good Rule and Government against Spitting, 1908 ; Sanitary Conveniences, 1909 ; Tents, Vans and Sheds, 1921 ; Houses-let-in-Lodgings, 1922 ; Offensive Trades, 1917 ; Fouling of Footways by Dogs, 1928 ; Nursing Homes, 1928 ; Maternity Homes, 1927 ; Regulations as to New Streets and Buildings, 1899.

ADOPTIVE ACTS :—

Infectious Diseases (Notification) Act, 1889 ; Infectious Disease (Prevention) Act, 1890 ; Public Health Acts Amendment Act, 1890 ; Notification of Births Act, 1907 (adopted 7/1/13) ; Public Health Acts Amendment Act, 1907 :—

Part II, sections 16, 18, 19, 20, 22, 25, 26, 27, & 33 ;

Part III, sections 34, 35, 36, 37, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50 & 51 ;

Part IV, sections 52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 65, 66, & 68 ;

Parts V and VI ;

Part X, section 95 ; (came into force on 8th February, 1909) ;

Section 86, came into operation 15th June, 1927.

HOSPITAL ACCOMMODATION.

The position regarding the general hospitals remains as last year.

An agreement has been entered into with the Northumberland County Council regarding 30 beds in the Mental Hospital at Morpeth. Here, unfortunately, we were limited in the type of patient they were prepared to take, and as we are under notice to remove our patients from the Durham County Council's Mental Hospital at Sedgefield, the position is now no easier.

However, there is some hope of a scheme for extending the Stannington Mental Hospital, which is owned by the Gateshead Corporation, and negotiations have been taking place with this authority on the one hand and West Hartlepool and South Shields on the other, and should these mature, our outlook for the future should show a decided improvement.

MATERNITY AND NURSING HOMES.

The Corporation maintains the Grantully Maternity Home, and one other private Nursing Home is registered in the district.

No new applications were received for Nursing Homes during the year. The Cameron Hospital remains exempt from registration under the Nursing Homes Registration Act, 1927.

GRANTULLY MATERNITY HOME.

I remarked last year on the satisfactory working of the Maternity Home, and the year under review has finished in very happy circumstances. I append in detail some of the figures, and I think that no better recommendation is needed for the Home, and that they speak volumes for the care and attention given to the patients by all concerned—Doctors, Matron and Nurses.

Report for the year ended 31st December, 1932.

Number of Beds	... 16.	Isolation Block	... 2		
Number of cases admitted during the year	...	...	...	242	
Average duration of stay	...	...	...	14 days	
Number of cases delivered by :—					
(a) Midwives	...	...	...	...	136
(b) Doctors	...	...	...	...	106
Number of cases in which medical assistance was sought by the midwife	...	...	...	...	41
Number of cases notified as :—					
(a) Puerperal Fever	...	...	...	...	—
(b) Puerperal Pyrexia	...	...	...	...	—
Number of cases of Pemphigus Neonatorum	...	...	...	...	—
Number of infants not entirely breast-fed while in the institution					6
Number of cases notified as Ophthalmia Neonatorum	...	...	...	...	—
Number of Maternal Deaths	...	...	...	...	—
Number of Foetal Deaths—					
(a) Stillborn—					
5 Delayed and difficult labours					
3 No apparent reason	...	...	...	...	8
(b) Within 10 days of birth—					
3 Congenital weakness					
1 By Caesarian Section	...	...	...	...	4

The Maternity and Child Welfare Committee again held a Garden Party for mothers who had been in the Home during the year. About two hundred people attended, and the afternoon was voted a great success. This effort is entirely voluntary, and thanks are due to all who helped to make this annual event such a success.

During the year arrangements were made to have the bulk of the laundry work of the Home done by contract.

HOWBECK INFIRMARY.

The following are details of the maternity cases treated at Howbeck Infirmary during the year :—

Number of beds set aside for maternity cases	...	...	...	5
Number of cases admitted during the year	...	...	...	53
Average duration of stay	...	...	...	43·5 days
Number of cases delivered by—				
(a) Midwives	...	...	...	39
(b) Doctors	...	...	...	14
Number of cases in which medical assistance was sought by a midwife in emergency	...	...	...	30
Number of cases notified as—				
(a) Puerperal Fever	...	...	...	2
(b) Puerperal Pyrexia	...	...	...	—
Number of cases of Pemphigus Neonatorum	...	...	...	—
Number of infants not entirely breast-fed while in the institution				1
Number of cases notified as Ophthalmia Neonatorum	...	...	...	8
(Eight cases of ophthalmia neonatorum were admitted from outside. No infants born in the hospital developed this disease. Of the cases admitted, all were discharged cured, the cornea being clear in all cases).				
Number of Maternal Deaths	...	...	...	1
(Cause—Puerperal Septic Intoxication, Parametric Abscess.)				
Number of Foetal Deaths—				
(a) Stillborn	...	...	...	13
(b) Within 10 days of birth :—				
6 Premature babies				
1 from Haemorrhage of the new born				
1 from Debility from birth	...	...	...	8

MATERNAL MORTALITY.

The number of mothers who died in consequence of childbirth during the year was four.

Causes of death :—

1. Erysipelas. Parturition.
2. Puerperal Septic Intoxication, Parametric Abscess.
3. Internal ante-partum haemorrhage. Toxaemia of pregnancy. Operation.
4. Septicaemia. Miscarriage.

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE CHILDREN AND HOMELESS CHILDREN.

The Public Assistance Committee maintain a home for children in Blakelock Road, and 16 boys and 16 girls are accommodated, under the care of a Lady Superintendent and two foster mothers.

There were 34 cases in residence during the year, of which 2 were cases chargeable to outside authorities.

No provision is made for unmarried mothers and illegitimate children.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

During the year the number of mental defectives treated in the colony at Howbeck House were as follows :—

			High Grade		Medium Grade		Low Grade		Total	
			M.	F.	M.	F.	M.	F.	M.	F.
Adults	...	...	4	16	23	56	14	28	41	100
Children	...	...	—	—	27	14	20	6	47	20

Of these, 193 cases were treated on behalf of outside authorities.

AMBULANCE FACILITIES.

An ambulance kept at the Fire Station is maintained by the Corporation for general and accident cases. Private arrangements are made by contract for the removal of cases of infectious disease.

CLINICS AND TREATMENT CENTRES.

The following tables show the nature of the work done at the clinics, and the conditions found :—

ANTE-NATAL AND INFANT WELFARE CENTRES.

Centre	Total No. of children attending Centre	Total attendances	No. of children who made first attendances	No. of visits made by these children	No. of children who attended previous years	No. of visits made by these children	No. of new attenders under one year	No. of new attenders between 1—5	Ante-natal attenders
Grantully ...	...	230	...	...	...	...	...	...	141
Dale Street ...	523	5004	250	2176	273	2828	183	67	...
Oxford Street	604	8357	435	4001	169	4356	302	133	...
Seaton Carew	87	1305	39	531	48	774	32	7	...
Whitby Street	554	5389	390	2721	164	2668	272	118	...
Totals ...	1768	20285	1114	9429	654	10626	789	325	141

DEFECTS FOUND IN INFANTS ATTENDING AT CENTRES.

DISEASE.	CENTRE.				Total
	Dale St.	Oxford St.	Seaton	Whitby St.	
Impetigo	4	2	1	5	12
Skin Disease	7	...	...	...	7
Dermatitis	...	7	...	...	7
Rash	...	...	...	1	1
Acne	...	...	1	...	1
Scabies	...	...	1	1	2
Debility	3	...	1	...	4
Rickets	5	15	1	14	35
Paralysis	...	3	...	...	3
Cleft Palate	...	...	...	1	1
Whooping Cough	1	...	1	...	2
Measles	...	1	...	1	2
Bronchitis	2	9	...	...	11
Tonsilitis	...	2	...	...	2
Diarrhoea	2	3	...	8	13
Hernia... ..	2	30	...	1	33
Improper Feeding	...	...	2	...	2
Constipation	5	1	2	22	30
Poor Nutrition	...	...	...	19	19
Protruding navel	...	...	...	10	10
Worms	...	2	...	...	2
Stomatitis	...	...	1	2	3
Phimosis	9	8	1	14	32
Dental treatment required	4	4	...	...	8
Ophthalmia Neonatorum	1	...	...	...	1
Swelling Eyelids	...	...	1	...	1
Corneal Ulcer	...	2	...	1	3
Sore eyes	...	...	1	2	3
Otorrhoea	...	7	...	4	11
Strabismus	...	3	...	2	5
Blepharitis	...	...	1	1	2
Seborrhoea	...	16	...	9	25
Chorea... ..	...	1	...	...	1
Cervical glands	...	3	1	4	8
Mastoid	...	...	1	1	2
Tonsils and adenoids	...	4	...	3	7
Other defects	5	4	...	...	9
Totals	50	127	17	126	320

METHODS OF FEEDING (First Attenders).

Method.	All Centres		Total
	Regular Hours	Irregular hours	
Natural (breast)	376	103	479
Artificial (various)	198	22	220
Combined (natural and artificial) ..	66	13	79
Breast feeding over 1 year of age ..	—	5	5
Children over 1 year—various diets ..	—	331	331
Totals	650	474	1114

During the the sales year of dried milk or allied substances at the Centres amounted to £573 12s. 8½d.

The quantities of these commodities given free cost £168 17s. 4½d.

INFANT WELFARE CENTRES.

The Infant Welfare Centres have again increased in size during the past year, the total attendances being 20,285, against 15,488 during the previous year. The splitting up of the Oxford Street Centre into two sessions has greatly relieved the congestion formerly experienced there, but there are now indications that it will not be long before the Whitby Street Centre will require to be similarly dealt with. Indeed, of late this Centre has been so busy that the working of it has been extremely difficult, owing to excessive numbers in the small space, and the consequent noise and commotion. It is now quite common to have nearly 120 mothers and their children at one session.

The type of mother who attends once and never returns is steadily diminishing, while there is a greater tendency to bring a child back after it has completed its first year than was formerly the case.

While every endeavour is made on the part of doctors and nurses to encourage breast feeding, the proportion of babies being artificially fed is somewhat higher than it was last year. On this point we have to contend with advice obtained from a multiplicity of sources outside the Clinic. Indeed the mothers are so besieged on all sides that they take what appears to them to be the path of least resistance, and put the “baby on the bottle.” It is often disheartening to find a perfectly healthy woman returning to the Centre with the story that she has “taken baby off the breast,” in spite of our encouragement, even to the length of letting her have Colact, or dried milk and cocoa at a much reduced rate.

Thanks are due to the Voluntary Workers for their assistance at the various clinics. They render much help to the mothers by making tea for them, and in some cases by giving assistance in the making of baby clothes.

The co-operation between the Clinic Medical Officers and the School Dentist and Ophthalmic Surgeon continues to be of great value. Many a child would be allowed to suffer indefinitely if such facilities did not exist, while the improvement in a child's general health after having such treatments is remarkable.

“ SUNLIGHT ” CLINIC.

The “ Sunlight ” Clinic has become extremely popular, doubtless owing to the fact that so much obvious good results in many of the cases which have attended. It is now quite a common occurrence for a mother to ask if her child can “ have sunlight ” and while it is by no means a panacea for all ills, there is no doubt that the amount of good done in specially selected cases is very great.

Indeed there is enough work for a daily U.V.R. clinic in the town.

There is one difficulty to be contended with in this work, and that is that some mothers seem to think that the sunlight provides both food and drink for the child. It is often with difficulty that it can be explained that the treatment merely improves the general mechanism of the body, thus enabling it to use to the utmost advantage every particle of food taken.

MIDWIVES ACTS, 1902-1926.

CONDITIONS FOR WHICH DOCTORS WERE SUMMONED IN AN EMERGENCY BY MIDWIVES.

(The figures in brackets indicate insured cases).

PREGNANCY—

Albumen in Urine ...	13	(9)
Ante-partum		
haemorrhage ...	10	(4)
Varicose veins ...	1	(1)
Inflamed legs ...	1	(1)
Threatened abortion	1	
	—	—
	26	(15)
	==	==

PUERPERIUM—

Lacerated perineum ...	67	(50)
Inflamed Breast ...	3	(2)
Illness of mother ...	29	(16)
Post partum		
haemorrhage	4	(3)
Rise of temperature	5	(3)
Fits ...	1	
	—	—
	109	(74)
	==	==

LABOUR—

INFANTS—

Malpresentation	...	9	(7)
Prolonged and difficult labours	...	76	(66)
Uterine Inertia	...	10	(8)
Prolapsed Cord	...	2	(1)
Vaginal Discharge	...	1	(1)
Reopening old laceration	3	(2)	
Retained placenta	...	3	(2)
		—	—
		106	(87)
		=	=

Hare Lip	...	...	1
Spina Bifida	...	3	(3)
Tongue Tie...	...	5	(4)
Discharging Eyes	...	15	(8)
Illness of baby	...	23	(9)
Stillbirth	...	7	(3)
Deformity of child		5	(2)
Premature infant	...	14	(4)
		—	—
		73	(33)
		=	=

MATERNITY INSURANCE SCHEME.

The Council maintained their Insurance Scheme throughout the year, and I am indebted to the Borough Treasurer for the following financial particulars :—

	Year ended—	31st Mar., 1932	31st Mar., 1933
Number of contributors to scheme	...	422	450
Amount of contributory fees received	...	£105 10 0	£112 10 0
Confinements during the period—			
(a) No medical attention	...	242	248
(b) Number of cases medically treated	...	205	176
Contributory fees received in respect of			
(a) and (b) above	...	£111 15 0	£106 0 0
Amount of Doctors' Fees paid by Corporation	...	£320 16 0	£269 3 0
Number of cases where confinement has not taken place during the period	...	50	76
Percentage of cases in which medical treatment was required	...	46%	41%
Average cost per case of medical treatment	...	£1 11 4	£1 10 7
Amount received in contributory fees for each case treated	...	10 11	12 1
Loss to Corporation per case treated	...	£1 0 5	18 6

WORK OF THE HEALTH VISITORS.

Maternity and Child Welfare :—

Visits to Children under one year of age—Primary visits	..	..	1405
Secondary visits	..	..	5260
Visits to children between one and five years of age	..	..	8926
Visits to Expectant Mothers—Primary visits	..	..	541
Secondary visits	..	..	376
Visits for complications in mother	..	..	13
Visits for cases of Ophthalmia Neonatorum—Primary Visits	..	..	12
Secondary visits	..	..	267
Visits to Midwives	..	..	3

Tuberculosis :—

Primary visits to new cases	..	..	136
Secondary visits to—Domiciliary cases	..	..	109
Dispensary cases	..	..	481

Health Work—

Visits to cases of pneumonia—Primary visits	..	..	122
Secondary visits	..	..	12
For nursing	..	..	36
Visits to mental defectives	..	..	56
Visits for treatment of puerperal pyrexia	..	..	28
Visits to Boarded-out Children (Children Act, 1908)	..	..	27
Visit to case of Polio-encephalitis	..	..	1

*School Work :—

Visits to schools with S.M.O.	..	..	21
Visits to schools with School Dentist	..	..	3
Verminous surveys	..	..	4
Other visits to schools	..	..	3
Following up : Verminous cases	..	..	16
Scabies	..	..	1
Ringworm	..	..	2
Other skin diseases	..	..	22
Eye defects	..	..	6
Enquiries re glasses	..	..	3
Enlarged tonsils and adenoids	..	..	2

Special Enquiries	..	..	525
Ineffectual visits	..	..	1866

Clinics attended :—

Baby	..	..	423
Ante-natal	..	..	51
Tuberculosis	..	..	120
Venereal Diseases	..	..	164
School (minor ailments)	..	..	45
Dental	..	..	81
Ultra-violet Ray	..	..	127
Laboratory	..	..	9

* Part of the time of one health visitor is devoted to school work.

ANTE-NATAL CLINIC.

During the year 1932 the actual new cases attending the Ante-natal Clinic were little in excess of those of 1931, but the number of patients returning at regular intervals was much improved.

Unfortunately the accommodation for the Clinic during that year was far from being satisfactory, but it is gratifying to note that the Clinic has now been removed to Mill House, a much more central situation, which is greatly appreciated by the patients, with a consequent improvement in attendance.

ANTE NATAL SCHEME.

During 1932, 514 cases booked by midwives were notified to their doctors for ante-natal examination.

Doctors returned reports on **203** of these cases, and it will be seen that roughly 25% needed attention of some sort.

I am giving the findings below for statistical purposes, so that at some future date a more detailed interpretation may be made :—

ABNORMALITIES REPORTED BY DOCTORS—

							Number
Albumen in urine	...	...	...	...	...	...	8
Sugar in urine	...	...	...	...	...	...	1
High Blood Pressure		...	...	...	...	...	2
Presentation—Breech		...	...	...	...	...	5
? Transverse		...	...	...	...	...	1
Occipito posterior	...		...	...	...	...	5
? Breech or Twin	...		...	...	...	...	1
Twin pregnancy	...	...	...	...	...	...	1
Ovarian cyst or multiple pregnancy (?)	...			...	...	...	1
Ante partum haemorrhage	...		...	...	...	...	2
Hydramnios	...	...	...	...	...	...	1
Hyperemesis	...	...	...	...	...	...	1
Slight vaginal discharge		...	...	...	...	...	1
Swollen ankles	...	...	...	...	...	...	1
Oedema of feet and legs		...	...	...	...	...	1
Varicose veins	...	...	...	...	...	...	1
Vomiting	...	...	...	...	...	...	2
Constipation	...	...	...	...	...	...	5
Defective teeth	...	...	...	...	...	...	1
Pulmonary Tuberculosis		...	...	...	...	...	2
Tachycardia	...	...	...	...	...	...	1
Rheumatism	...	...	...	...	...	...	1
Nervousness	...	...	...	...	...	...	2
Flatulence	...	...	...	...	...	...	1
Bronchial Catarrh	...	...	...	...	...	...	2
Asthma	...	...	...	...	...	...	1
							—
							51

SCHOOL CLINIC.

The details under this heading are given in the Annual Report of the School Medical Officer.

TUBERCULOSIS.

THE TUBERCULOSIS CLINIC.

As in former years the clinic continues to be held at Mill House, Stranton, on Tuesday and Thursday afternoons, and in the morning of the first Wednesday of each month. It is desirable to emphasize here that cases are seen there only by appointment. There has been a tendency recently for people to attend there for conditions not necessarily tubercular, on the assumption that as the clinic is a Public Clinic, free treatment and advice for all sorts of complaints will be given. No advice or treatment can ever be given in such cases, as that is quite outside the functions of the Tuberculosis Clinic, and such cases are always advised to consult their own doctor, who, if he thinks fit, will refer them to the clinic.

TUBERCULOSIS STATISTICS.

The statistical records of the tuberculosis work done during the year are given in the pages which follow, and in appendices 24 to 27. There is little to comment with regard to the statistics for the Dispensary, the work done there being much the same as in the previous year. On pages 27 and 29 are given tables showing the after-history of all cases of tuberculosis, both pulmonary and non-pulmonary. A reference to these tables shows that we still have on the register patients who were notified previous to 1926, and in whom the disease is still active ; this of course being another proof of the prolonged nature of the illness in many cases. These tables also show that the outlook is more grave in cases whose sputum is positive at the time of notification than in those patients whose sputum is negative. The lesson to be learnt from this is the importance of the early diagnosis and prompt treatment of tuberculosis. The ideal time to send patients to a sanatorium is in the very earliest stages, before positive evidence can be found in the sputum. The most certain method of finding these early cases is by X-ray examination, but unfortunately the local authority has not provided an X-ray apparatus.

A reference to appendix 24 will show the number of new cases of tuberculosis notified during the year. The total number notified this year is 171, as compared with 167 in 1931. There has been a slight decrease in the number of pulmonary cases notified during the year, and also in the number of cases of abdominal tuberculosis, but the other forms of tuberculosis have increased.

Appendix 25 shows that the number of deaths from tuberculosis in 1932 was 81 as compared with 78 in 1931.

Appendix 27 shows the same unfortunate feature as in the previous year, viz., that too many cases come to light and are notified too late for any useful treatment to be undertaken. I am afraid that the main reason for this is that the general public are delaying too long before consulting their doctors.

In conclusion, one may say that the statistics of tuberculosis work for the year do not show any striking victory over the disease. We are, at best, just holding it in check ; but if one takes into consideration the times through which we are passing, and the number of factors such as economics, diet, housing, which are of importance in combating tuberculosis, then it must be admitted that even to hold it in check is accomplishing something.

Return showing the Work of the Dispensary during the year 1932.

DIAGNOSIS.	Pulmonary				Non-pulmonary				Total			
	Adults.		Children		Adults.		Children		Adults.		Children	
	M	F	M	F	M	F	M	F	M	F	M	F
A—New Cases examined during the year (excluding contacts) :												
(a) Definitely tuberculous...	19	15	4	1	3	6	12	16	22	21	16	17
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	...	...	2	...
(c) Non-tuberculous ...	...	...	...	...	...	...	...	...	9	7	33	27
B—Contacts examined during the year :												
(a) Definitely tuberculous...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	...	...	1	...
(c) Non-tuberculous ...	...	...	...	...	...	...	...	...	5	8	20	41
C—Cases written off the Dispensary Register as												
(a) Recovered ...	8	2	1	...	7	10	11	7	15	12	12	7
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous)	...	...	...	...	...	...	...	...	15	17	56	69
D—Number of Cases on Dispensary Register on December 31st :—												
(a) Definitely tuberculous...	69	56	17	16	26	35	60	59	95	91	77	75
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	...	...	3	...

1. Number of cases on dispensary register on January 1st ..	356
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years ..	11
3. Number of patients transferred to other areas, cases not desiring further assistance under the scheme, and cases 'lost sight of' ..	18
4. Cases written off during the year as dead (all causes) ..	34
5. Number of attendances at the dispensary (including contacts)	1073
6. Number of insured persons under domiciliary treatment on the 31st December ..	35
7. Number of consultations with medical practitioners :—	
(a) Personal ..	..
(b) Otherwise ..	22

8. Number of visits by Tuberculosis Officers to homes (including personal consultations) ..	111
9. Number of visits by nurses or health visitors to homes for dispensary purposes ..	481
10. Number of	
(a) Specimens of sputum, etc. examined ..	279
(b) X-ray examinations made in connection with dispensary work ..	8
11. Number of "recovered" cases restored to dispensary register and included in A (a) and A (b) above ..	1
12. Number of T.B. plus cases on Dispensary register on 31st December ..	79

Number of beds available for the treatment of tuberculosis on the 31st December in institutions belonging to the Council.

Name of Institution	For Pulmonary Cases		For Non-pulmonary Cases		Total
	Adults	Children under 15	Adults	Children under 15	
Poor Law Institution— Howbeck Infirmary	18	..	13	17	48

Return showing the extent of residential treatment and observation during the year in institutions (other than poor law institutions) approved for the treatment of tuberculosis.

		In institutions on Jan. 1	Admitted during the year	Discharged during the year	Died in the institutions	In institutions on Dec. 31
Number of doubtfully tuberculous cases admitted for observation	Adults { M	..	..	..	..	..
	F	..	1	1	..	..
	Ch.	..	..	..	..	..
Number of definitely tuberculous patients admitted for treatment	Adults { M	4	5	6	..	3
	F	7	8	9	..	6
	Ch.	7	5	7	..	5
Grand Total ..		18	19	23	..	14

Return showing the extent of residential treatment provided during the year in poor law institutions for persons chargeable to the Council.

		In institutions on Jan. 1	Admitted during the year	Discharged during the year	Died in the institutions	In institutions on Dec. 31
Number of patients suffering from pulmon- ary tuberculosis admit- ted for treatment	M	7	21	10	11	7
	F	3	12	10	4	1
	Ch.	..	8	4	3	1
Number of patients suffering from non-pul- monary tuberculosis ad- mitted for treatment	M	2	3	3	2	..
	F	2	6	5	2	1
	Ch.	7	22	16	5	8
Grand Total	..	21	72	48	27	18

Return showing the results of observation of doubtfully tuberculous cases discharged during the year from Institutions approved for the treatment of tuberculosis.

[illegible]

PULMONARY TUBERCULOSIS.

Return showing in summary form (a) the condition at the end of 1932 of all patients remaining on the Dispensary Register, and (b) the reasons for the removal of all cases written off the Register. (The Table is arranged according to the years in which the patients were first entered on the Dispensary Register as definite cases of pulmonary tuberculosis, and their classification at that time.)

Condition at the time of the last record made during the year to which the Return relates.			Previous to 1926.					1926					1927					1928					1929					1930					1931					1932																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus				Class T.B. minus	Class T.B. plus																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)		Group 1	Group 2	Group 3	Total (Class T.B. plus)	Group 1	Group 2	Group 3	Total (Class T.B. plus)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
(a) Remaining on Dispensary Register on 31st December.	Disease Arrested	Adults {M	1	..	..	..	..	1	..	..	1	1	2	2	..	4	1	..	..	..	..	..	1	1	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

NON-PULMONARY TUBERCULOSIS.

Return showing in summary form (a) the condition at the end of 1932 of all patients remaining on the Dispensary Register; and (b) the reasons for the removal of all cases written off the Register.

Condition at the time of the last record made during the year to which the Return relates.		Previous to 1926					1926					1927					1928					1929					1930					1931					1932					
		Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total	Bones and Joints	Abdominal	Other Organs	Peripheral Glands	Total						
(a) Remaining on Dispensary Register on 31st December	Disease Arrested	Adults	M	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	1	1	..	..	..	1	1	..	..	1	2	..	..	..	..	..		
		F	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	1	2	1	..	1	..	2	..	1	..	1	..	1	..	1	1	..	1	..	2				
	Children		1	..	1	1	3	..	..	2	..	2	1	..	..	1	2	3	..	..	5	8	3	4	1	3	11	5	4	..	3	12	..	5	2	6	13	..	5	2	4	11
	Disease not Arrested	Adults	M	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	2	..	..	..	..	1	2	..	12	15	1	2	..	..	3	2	..	..	1	3		
		F	..	..	4	..	4	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	1	1	..	..	1	..	1	..	1	3	1	..	..	4			
Children			1	..	7	2	10	1	..	1	4	6	2	..	1	..	3	2	..	..	2	4	3	2	1	1	7	2	..	..	1	3	4	4	1	3	12	4	5	2	7	18
Condition not ascertained during the year			..	..	..	1	1	..	..	..	..	..	..	1	1	1	..	..	..	1	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total on Dispensary Register at 31st Dec.			2	..	13	4	19	1	..	4	4	9	3	..	1	3	7	9	..	2	8	19	8	6	3	6	23	9	7	..	17	33	7	12	3	10	32	10	11	5	12	38
Transferred to Pulmonary			..	2	1	4	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(b) Not now on Dispensary Register and reasons for removal therefrom	Discharged as Recovered	Adults	M	1	1	..	..	2	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
		F	2	..	..	2	4	..	..	1	1	2	..	..	..	1	1	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Children		11	3	3	14	31	7	1	1	11	20	4	3	1	5	13	3	5	..	13	21	1	1	..	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Lost sight of, or otherwise removed from Dispensary Register		5	1	2	7	15	4	1	5	3	13	3	..	2	4	9	3	..	..	5	8	1	1	..	5	7	2	1	1	5	9	1	4	..	..	5	..	..	..	..	
	Dead	Adults	M	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..		
Children		F	..	..	1	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..		
Total written off Dispensary Register			..	2	..	..	2	4	..	..	2	6	..	..	1	1	2	..	..	1	..	1	1	1	..	2	..	2	..	2	..	..	..	..	..	..	1	..	1			
GRAND TOTALS of (a) and (b) (excluding those transferred to Pulmonary).			21	7	19	27	74	16	2	11	21	50	10	3	5	17	35	15	5	3	27	50	12	9	4	15	40	12	10	1	22	45	9	16	3	10	38	10	11	6	12	39

TUBERCULOSIS.

AVERAGE RESIDENCE AND COST OF

(A)—SANATORIUM TREATMENT.

Name of Sanatorium	Form of Disease			Total days residence	Average residence per patient (days)	Total Cost		
	Pul-monary	Non-Pul-monary	For Obser-vation			£	s.	d.
Barrasford	17	...	1	1658	92.1	667	18	6
Wolsingham	4	...	...	385	96.2	82	10	0
Stannington	10	4	...	1953	139.5	631	19	7
Totals	31	4	1	3996	...	1382	8	1

(B)—SURGICAL TREATMENT.

Institution.	Form of Disease.			Total days residence	Average residence per patient (Days)	Total Cost.		
	Glands	Abdom-inal	Bones and Joints			£	s.	d.
Hartlepoons Hospital	2	2	12	1811	113.2	517	19	2

(C) ARTIFICIAL PNEUMOTHORAX.

During the year six patients who were attending at Newcastle-on-Tyne for artificial pneumothorax treatment were given 58 refills at a total cost of £121 16s. 0d.

VENEREAL DISEASES.

The arrangements for the Clinics continue as in former years—Male Clinics, Monday and Thursday evenings ; Female Clinic on Friday afternoon. All clinics are held at the Treatment Centre, Mill House, Stranton.

MALE CLINICS.

A statistical record is given on the pages which follow of the work which has been done at these Clinics during the year.

Speaking generally, these statistics show no material change in the volume of work done, as compared with the work of former years. There are, however, one or two minor points of some interest on which comment may be made. The number of cases which attended for the first time during the year (157) is less than in the previous year (165), yet the number of attendances, both for individual attention of the medical officers and for intermediate treatment is considerably increased. This can only mean that the patients are individually attending more regularly.

It is also interesting to note that the number of cases which ceased to attend before being finally declared cured is very much less (35 as against 91). This is very gratifying as it seems to suggest that patients suffering from venereal diseases may be beginning to realise the need for prolonged and thorough treatment, before a definite cure can be obtained. In view of the foregoing remarks about better attendance, it is not without significance that the number of patients discharged after final tests for cure (103) is almost double the number of the previous year (55).

FEMALE CLINIC.

The number of attendances at the female venereal disease centre shows an increase over that of last year. As a whole the women continue to come up very regularly, more particularly perhaps those suffering from syphilis, the seriousness of which disease they seem to appreciate fully.

There is also a marked increase in the number of children receiving treatment. Doubtless the improvement noted in these cases encourages the mothers to bring their children more readily, and also to allow Wasserman tests to be made on other members of the family.

VENEREAL DISEASES.

ATTENDANCES AT CORPORATION CLINIC.

	Syphilis		Soft Chancre		Gonorrh'a		Conditions other than venereal		TOTAL		Totals
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Number of cases on 1st Jan., under treatment or observation	29	24	5	..	51	28	1	3	86	55	141
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	3	3	1	..	4	3	..	..	8	6	14
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from..											
Syphilis, primary	9	8	..	..	..	..	..	..	9	8	17
„ secondary	4	3	..	..	..	..	..	..	4	3	7
„ latent in 1st year of infection	..	..	..	..	..	..	..	..	..	..	..
„ all later stages	5	4	..	..	..	..	..	..	5	4	9
„ congenital	2	8	..	..	..	..	..	..	2	8	10
Soft Chancre	..	..	11	..	..	..	..	..	11	..	11
Gonorrhoea, 1st year of infection	..	..	..	..	56	14	..	..	56	14	70
Gonorrhoea, later	..	..	..	..	9	1	..	..	9	1	10
Conditions other than venereal	..	..	..	..	..	..	38	14	38	14	52
4. Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same infection	17	5	..	..	6	6	..	1	23	12	35
TOTALS OF ITEMS 1, 2, 3 & 4..	69	55	17	..	126	52	39	18	251	125	376
5. Number of cases discharged after completion of treatment and final tests of cure (see Item 15)	6	6	13	..	45	11	39	15	103	32	135
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—											
Syphilis, primary	4	5	..	..	..	..	..	..	4	5	9
„ secondary	2	4	..	..	..	..	..	..	2	4	6
„ latent in 1st year of infection	..	..	..	..	..	..	..	..	..	..	..
„ all later stages	1	11	..	..	..	..	..	..	1	11	12
„ congenital	..	3	..	..	..	..	..	..	..	3	3
Soft Chancre	..	..	..	..	..	..	..	..	..	..	..
Gonorrhoea, 1st year of infection	..	..	..	..	18	14	..	..	18	14	32
Gonorrhoea, later	..	..	..	..	6	9	..	..	6	9	15

VENEREAL DISEASES.

Attendances at Corporation Clinic.

	Syphilis		Soft Chancre		Gonorr- hoea.		Conditions other than Venereal		TOTAL		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure (see Item 15)	4	..	..	..	..	1	..	..	4	1	5
8. Number of cases transferred to other centres or to institutions or to care of private practitioners	10	2	1	..	11	3	..	..	22	5	27
9. Number of cases remaining under treatment or observation on 31st December	42	24	3	..	46	14	..	3	91	41	132
TOTALS OF ITEMS 5, 6, 7 8 and 9.. (These totals should agree with those of Items 1, 2, 3, and 4) ..	69	55	17	..	126	52	39	18	251	125	376
10. Number of cases in the following stages of syphilis included in Item 6 which failed to complete one course of treatment :—											
Syphilis, primary	1	1	..	..	..	..	..	..	1	1	2
„ secondary	1	3	..	..	..	..	..	..	1	3	4
„ latent in 1st year of infection	..	..	..	..	..	..	..	..	..	..	..
„ all later stages	1	4	..	..	..	..	..	..	1	4	5
„ congenital	..	1	..	..	..	..	..	..	..	1	1
11. Number of attendances :—											
(a) for individual attention of the medical officers	840	645	51	..	962	536	85	39	1938	1220	3158
(b) for intermediate treatment, e.g., irrigation, dressing	..	..	..	..	3927	1198	..	..	3927	1198	5125
Total Attendances	840	645	51	..	4889	1734	85	39	5865	2418	8283
12. In-patients :—											
(a) Total number of persons admitted for treatment during the year	4	2	..	..	5	5	..	..	9	7	16
(b) Aggregate No. of “in-patient days” of treatment given ..	465	59	..	..	171	172	..	..	636	231	867

VENEREAL DISEASES.

	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
13. Number of cases of congenital syphilis in item 3 above classified according to age periods..	..	..	..	..	1	7	1	1	2	8

	Arsenobenzene Compounds	Mercury	Bismuth
14. Chief preparations used in treatment of Syphilis :—			
(a) Names of preparations ..	Karsulphan, N.A.B., and Sulpharsenol	Hyd c. Crete	Bismuth Hypoloid, Bisantol.
(b) Total number of injections given (out-patients and in-patients)	870	..	736
(c) Number of injections <i>included in (b)</i> given to patients who on first attendance at this Centre were suffering from primary and secondary syphilis ..	262	..	171

15. Are the tests recommended in Memo V21 as amended by Memo V21a followed in deciding as to the discharge of the patient after treatment and observation for syphilis and gonorrhoea ?	Yes
If not, in what way are they modified ? .. .. .	....

	Microscopical		Serum Tests		
	for spirochetes	for gonococci	Wasser- mann	Others f'r Syphilis	for Gonorrhoea
16. Pathological Work :—					
(a) Number of specimens examined at and by the medical officer of the treatment centre ..	..	251	..	..	..
(b) Number of specimens from patients attending at the centre sent for examination to an approved laboratory ..	..	..	145 = 227 =	West Hartlepool All Areas	

Statement showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients resided.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	West Hartlepool	Durham	Cumberland	Leeds	Liverpool	London	Sweden	Finland	Denmark	Norway	Latvia	Total
A. Number of cases in Items 3 and 4 from each area found to be suffering from :—												
Syphilis	40	25	...	...	...	...	...	...	...	...	...	65
Soft Chancre	6	3	...	...	...	...	1	...	1	...	...	11
Gonorrhoea	49	30	1	1	4	1	4	...	...	1	1	92
Conditions other than Venereal	33	17	...	...	...	...	1	2	...	...	...	53
Totals	128	75	1	1	4	1	6	2	1	1	1	221
B. Total number of attendances of all patients residing in each Area	5521	2742	1	1	4	1	8	2	1	1	1	8283
C. Aggregate number of "in-patient days" of all patients residing in each area	536	331	...	...	...	...	...	...	...	...	...	867
D. Number of doses of arsenobenzine compounds given in the out-patient Clinic and In-patient Department to patients residing in each area	564	300	...	...	...	...	5	1	...	...	...	870

LOCAL GOVERNMENT ACT.

Beyond consolidating our position, no new developments were made towards the complete co-ordination of the medical services.

A study of the weekly returns from Howbeck Hospital shows that during the year, while individual wards were filled on many occasions, on no occasion was the Hospital full.

The maximum number of empty beds was 101 on 15th August, and the minimum 42 on 1st May.

SANITARY INSPECTION OF THE AREA.

WATER SUPPLY.

Below is given the Public Analyst's report on a sample of the water supply of the Borough, which shows that the water is of good wholesome quality.

					Parts per 100,000
Chlorine as Chlorides	...	...	...	...	11·1000
Nitrogen as Nitrates	...	...	...	...	·0423
Ammonia	...	...	...	...	·0025
Albuminoid Ammonia	...	...	...	...	·0038
Oxygen Absorption	...	...	...	...	None
Injurious Metals	...	...	...	...	None
Total solid matter dried at 100° C.	...	...	...	...	85·0000
Temporary hardness	...	...	...	21·20 degrees	
Permanent hardness	...	...	...	25·00 degrees	
Colour of sample on Hazen Scale	...	...	...	2	
Appearance of sample in 2 foot tube	...	...	...	Not quite bright	
Odour when heated to 50° C.	...	...	...	None	

MICROSCOPICAL EXAMINATION.

Satisfactory.

OBSERVATIONS.

The results of the analysis of this sample afford no indication of pollution by sewage or other foul drainage, nor of contamination by impurities derived from the surface.

The sample is of good and wholesome quality for human consumption

DRAINAGE AND SEWERAGE.

There is no essential difference to report in this service.

CLOSET ACCOMMODATION.

Conveniences remain as last year under this heading.

ASHPITS.

The following table gives particulars of improvements carried out in this connection.

Ashpits Abolished.

	Wards								TOTAL
	North	West	Park	SWest	S East	Cntral	NEast	Seat'n	
Ashpits abolished and circular pans provided ...	...	33	20	2	...	8	27	1	91

SCAVENGING—DISPOSAL OF HOUSE REFUSE.**Refuse Collected and Disposed of.**

Year ended 31st December, 1932.				Number of Loads collected.				Number of loads destroyed	
Month				Night	Day	Total	Taken to Farms	Taken to D'str'tor	Sundry
									Total including destr'ct'r
January	...	...	...	...	1699	1699	1131	568	582
February	...	...	...	...	1415	1415	921	494	503
March	...	...	...	...	1483	1483	925	558	529
April	...	...	...	...	1636	1636	1211	415	598
May	...	...	...	...	1362	1362	949	413	544
June	...	...	...	...	1322	1322	983	339	534
July	...	...	...	...	1460	1460	1123	337	571
August	...	...	...	...	1216	1216	862	354	512
September	...	...	...	...	1482	1482	1152	330	497
October	...	...	...	...	1337	1337	988	349	503
November	...	...	...	...	1389	1389	989	400	438
December	...	...	...	...	1700	1700	1325	375	516
Totals ...				...	17501	17501	12559	4932	6327
									11259

SCAVENGING.

There has never been any doubt in our minds that our methods of collection and disposal of refuse were out of date, and required tackling on more modern lines.

Certain objections were received to the proposal to acquire a quarry for the disposal of refuse by controlled tipping, but personally I am of the opinion that no harm would have resulted from the tipping of dry refuse under the Bradford System.

However, it was arranged that other sites should be procured, so that no uneasiness should be felt in the minds of anyone. The main achievement is that the Committee are now convinced of the efficacy of controlled tipping, and our next step to deal with is the improvement in our methods of collection, for here, like many other towns, we lag sadly behind modern developments.

SANITARY INSPECTION OF THE AREA.

I have already pointed out our deficiencies under this heading, and although the Committee have appointed two new apprentices, it stands to reason that these will only be of real use after a year or two's experience.

SANITARY INSPECTION OF THE DISTRICT.

Inspections were made as follows :—

3514	visits under the Public Health Acts.
246	visits under the Housing Acts.
113	visits under the Merchandise Marks Acts.
133	visits to factories and workshops.
131	visits to dairies, cowsheds and milkshops.
248	visits to fish, fruit and meatshops.
232	visits to public abattoir.
83	visits to ice-cream shops.
27	visits to places of entertainment.
35	visits to offensive trades.
132	visits to common lodging houses.
61	visits to houses let in lodgings.
152	visits to sheds and caravans.
133	visits to cases of infectious diseases.
59	visits to homes of mental defectives.
401	complaints attended to.
29	drains inspected.
24	drains tested.
219	visits re rats.
1167	informal notices served.
141	statutory notices served.

Defects or nuisances discovered and dealt with are given below :—

Drains not properly trapped	...	...	...	...	...	2
Drains defective	...	...	...	...	...	32
Drains stopped	...	...	...	...	...	111
Dirty dwellings	...	...	...	...	...	17
Dirty workshops and shops	...	...	...	...	...	13
Defective yard pavements	...	...	...	...	...	52
Defective spouts and fallpipes	...	...	...	...	...	204
Defective roofs	...	...	...	...	...	117
Defective water closets	...	...	...	...	...	201
Additional water closets required	...	...	...	...	...	5
Privy pan requiring renewal	...	...	...	...	...	1
Defective or dirty urinals	...	...	...	...	...	5
Privy to be abolished	...	...	...	...	...	1
Ashpits to be abolished	...	...	...	...	...	97
Offensive accumulations of manure or refuse	...	...	...	...	...	18
No supply of pure water	...	...	...	...	...	24
Defective water taps, pipes, etc.	...	...	...	...	...	46
Defective rainwater pumps, wells, etc.	...	...	...	...	...	97
Rainwater wells requiring cleaning	...	...	...	...	...	6
Disused wells or cesspools to abolish	...	...	...	...	...	3
New dustbins required	...	...	...	...	...	270
Defective or absent ashcloset doors	...	...	...	...	...	101
Sheds used for human habitation	...	...	...	...	...	2
Dirty or defective cowsheds	...	...	...	...	...	2
Dirty stables and pigstyes	...	...	...	...	...	2
Rat-infested premises	...	...	...	...	...	24
Animals improperly kept	...	...	...	...	...	19
Other defects	...	...	...	...	...	791
Total						2263

DISINFECTION, 1932.

Number of rooms sprayed and fumigated	...	...	...	...	375
Tuberculosis	...	...	...	...	99
Fever	...	...	...	...	138
Vermin	...	...	...	...	56
Institutions	...	...	...	...	5
Other	...	...	...	...	77

Number of articles disinfected by steam	...	...	...	4016
Beds and mattresses	...	...	...	295
Pillows and bolsters	...	...	...	794
Carpets and rugs	...	...	...	194
Articles of clothing	...	...	...	857
Sheets, blankets and quilts	...	...	...	1195
Sundry articles	...	...	...	681
Number of articles destroyed by consent of owner	...	...	...	152
Number of houses disinfected	...	...	...	295

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS
OR REGULATIONS.

	Number
Fried Fish Dealers	69
Marine Stores	6
Gut Scrapers	2
Tripe Boilers	3
Tallow Melters	5
Bone Boilers	1
Common Lodging Houses	10
Registered Houses-let-in-Lodgings	44
Cowsheds and Retail Purveyors of Milk	82
Shops registered for sale of Bottled Milk	67
Slaughter Houses	1

COMMON LODGING HOUSES.

Situation				Registered No. of Lodgers	No. of Rooms
	18 Rokeby Street	...	...	18	6
	138 Burbank Street	...	...	35	9
(b)	23 St. John Street	...	...	18	5
	7 Tennant Street	...	...	30	8
	3 Redworth Street	...	...	17	3
	16 Mainsforth Terrace	...	...	51	23
	2 Edward Street	...	...	22	4
	29 George Street	...	...	11	3
	26 George Street	...	...	11	3
	15 Mainsforth Terrace	...	...	20	7
	5 South Street	...	...	14	5
(a)	Florida Cottage, Hart Lane	...	...	6	13
	Totals	...		253	89

(a) Discontinued, April, 1932.

(b) Premises demolished, April, 1932.

SCHOOLS.

A full report of conditions in schools is given in my School Annual Report.

RAG FLOCK ACT, 1911 and 1928.

There is nothing to report under this heading.

HOUSING.

The number of Inhabited Houses in the borough at the end of 1932 was 15,950, with a population of 69,830, giving a figure of 4·3 persons per house.

During the year 370 new houses were constructed, 42 being built by the Corporation, and 328 by private enterprise. The latter figure is very satisfactory from the point of view of the provision of a large number of houses, and is far in excess of our anticipation, when we drew up our housing programme in December, 1930, and makes the position a little

more difficult to judge. It must, however, be remembered that the vast majority of these houses are tenanted by owner-occupiers, and little, if anything, is being done beyond the 42 provided by the Corporation to reduce the overcrowding amongst people who cannot afford to pay an economic rent.

Another new feature is making its presence felt in what were regarded at one time as better class streets. The larger houses, when empty, fail to attract a tenant who will pay the rent expected, with the result that landlords are letting these houses to two, three or more families. The houses do not adapt themselves to this treatment from a sanitary point of view, and conditions, bad at the start, rapidly deteriorate and affect the adjoining property.

One further unfortunate position is the letting of small 3-roomed houses to two tenants. By this means landlords are receiving extra money from their property, sometimes amounting to twice the rental received from neighbouring houses.

We have no areas which could properly be described as a slum area, but we do have individual houses where slum conditions prevail, and however complicated the position may be it is still in my view essential that houses should be provided at economic rents to deal with these unfortunate people, and much remains to be done before we can be proud of our town and its housing conditions.

OVERCROWDING.

The following figures give the number of cases of overcrowding dealt with during the year.

(a) Cases reported to the Health Committee	...	...	...	37
(b) Number of families included in (a)	...	...	...	48
(c) Number of people included in (a)—				
Over 10 years	...	...	...	166
Under 10 years	...	...	...	107
(d) Rooms, etc., occupied by above	...	...	...	79 rooms
				1 Van
				1 Shed
(e) Number of cases reported who were subsequently given Council Houses	...	...	...	8
(f) Number of cases reported who were put on the list for special and early consideration	...	...	...	...

HOUSING.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR :—

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)...	...	1300
(b) Number of inspections made for the purpose ...	...	3860
(2) (a) Number of dwelling houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925	...	165
(b) Number of inspections made for the purpose ...	...	246
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...		32
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	954

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :—

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	...	855
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :—

A. Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	...	6
(2) Number of dwelling houses which were rendered fit after service of formal notices :—		
(a) By owners	...	28
(b) By local authority in default of owners	...	—

B. Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	135
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—		
(a) By owners	...	125
(b) By local authority in default of owners	...	10

C. Proceedings under sections 19 and 21 of the Housing Act, 1930 :—

(1) Number of dwelling houses in respect of which demolition orders were made	...	5
(2) Number of dwelling houses demolished in pursuance of demolition orders	...	4

D. Proceedings under section 20 of the Housing Act, 1930 :—				
(1) Number of separate tenements or underground rooms in respect of which closing orders were made				1
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit				—
E. Proceedings under section 3 of the Housing Act, 1925 :—				
(1) Number of dwelling houses in respect of which notices were served requiring repairs				—
(2) Number of dwelling houses which were rendered fit after service of formal notices :—				
(a) By owners				—
(b) By local authority in default of owners				—
(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close				—
F. Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925 :—				
(1) Number of dwelling houses in respect of which Closing Orders were made				—
(2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit				—
(3) Number of dwelling houses in respect of which Demolition Orders were made				—
(4) Number of dwelling houses demolished in pursuance of Demolition Orders				1

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.

Bacteriological examination of milk samples to determine the presence of tubercle bacilli.

No. of samples	Source	Result
10	Local Supply	Negative
43	Supply from outside Borough	Negative

TUBERCULOSIS ORDER, 1925.

Two animals were slaughtered during the year under the provisions of this Order.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

There is a marked improvement in the number of cases of infectious diseases notified during the year, the great bulk showing a considerable reduction.

Non-pulmonary tuberculosis were the only notifications showing an appreciable increase. It was very pleasing to record the falling off in pneumonia cases.

Cases with fatal terminations showed appreciable increase in non-pulmonary tuberculosis, cancer, heart disease and diarrhoea, while appreciable improvements in the figures reported occurred in measles, influenza, tuberculosis of the respiratory system, pneumonia and chest diseases.

It is of interest to note that there is an increase of non-pulmonary tuberculosis and diarrhoea in a warm dry summer, and a general falling off in all classes of respiratory troubles.

VACCINATION STATISTICS.

Births registered	...	...	...	...	1445
Successfully vaccinated...	...	...	...	...	863
Conscientious objectors	...	...	...	...	393
Died unvaccinated	...	...	...	...	78
Insusceptible	...	...	...	...	12
Postponed by medical certificate			...	...	22
Removed to other districts	...	...	...	...	15
Lost sight of ...	...	...	...	...	18
Still under notice	...	...	...	...	44

Percentage of unvaccinated children for the past ten years :—

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
19·8%	16·8%	15·6%	16·3%	16·5%	17·8%	20·7%	21·4%	23·3%	39·4%

(Note :—The percentage figure for 1932 is rather misleading, as the vaccination statistics are not yet complete for the year. Many cases still under notice and postponed will be successfully vaccinated.)

APPENDIX 1.

BIRTHS.

	West Hartle- pool	WARDS								Inward Transfers	Outward Transfers
		North	West	Park	S. West	S. East	Central	N. East	Seaton		
Estimated population	69,830	10,185	7,637	8,599	10,443	9,068	10,317	7,850	5,731	...	...
No. of births...	1,415	170	120	124	256	243	270	179	83	23	53
Birth Rates	20·3	16·7	15·7	14·4	24·5	26·8	26·2	22·8	14·5	...	...
Percentage of total births	...	12·0	8·5	8·8	18·1	17·1	19·1	12·6	5·9	+1·6	−3·7

BIRTH RATES.

YEAR	West Hartlepool		England & Wales Birth Rate
	No. of Births	Birth Rate	
1923	1,740	24·5	19·7
1924	1,670	23·3	18·8
1925	1,599	22·3	18·3
1926	1,587	22·3	17·8
1927	1,441	20·1	16·7
1928	1,509	21·6	16·7
1929	1,455	20·9	16·3
1930	1,528	22·0	16·3
1931	1,422	20·7	15·8
1932	1,415	20·3	15·3

APPENDIX 2. NATURAL INCREASE OF POPULATION.

The natural increase of population was 571.

RATES OF NATURAL INCREASE, PER 1,000 POPULATION.

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
13.5	9.3	8.9	10.6	5.2	8.8	5.2	10.1	6.5	8.2

APPENDIX 3—THE DEATHS AS THEY OCCURRED IN THE WARDS.

CAUSE OF DEATH	WARDS								Trans- ferable deaths (Howb'ck —prior to 1/4/1932)	Other trans- ferable deaths	Total
	North	West	Park	So. West	So. East	Central	N. East	Seaton			
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...
Smallpox	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	3	1	...	2	...	3	2	...	1	...	12
Diphtheria	...	...	...	...	...	...	...	...	...	2	2
Influenza	4	3	1	3	2	2	2	...	...	...	17
Encephalitis Lethargica	...	1	1	...	...	...	...	...	...	...	2
Meningococcal Meningitis	1	1	...	...	...	...	...	...	...	4	6
Tuberculosis of											
respiratory system	4	5	3	5	9	8	7	2	6	...	49
Other tuberculous diseases	5	3	3	2	4	4	7	...	3	1	32
Cancer, malignant disease	6	12	14	8	13	15	16	6	8	4	102
Rheumatic Fever	...	...	...	1	...	1	...	...	1	...	3
Diabetes	...	...	2	1	...	1	...	1	...	1	6
Cerebral haemorrhage, etc.	4	4	7	7	3	7	11	4	5	1	53
Heart Disease	21	16	16	24	21	23	10	20	8	5	164
Bronchitis	8	3	4	11	6	10	4	1	1	2	50
Pneumonia (all forms)	6	10	2	7	12	15	10	2	1	...	65
Other respiratory diseases	3	1	...	2	2	2	1	...	1	2	14
Ulcer of stomach or											
duodenum	...	2	...	...	...	2	...	...	...	1	5
Diarrhoea, etc.	4	1	1	2	5	5	3	1	3	1	26
Appendicitis and typhlitis	...	...	2	1	1	...	...	...	...	...	4
Cirrhosis of Liver	...	...	...	...	...	1	...	...	...	1	2
Acute and chronic nephritis	2	5	6	5	2	3	1	1	1	3	29
Puerperal sepsis	1	...	...	...	1	...	...	...	...	1	3
Other accidents and dis- eases of pregnancy and parturition	...	...	...	...	...	...	...	...	...	1	1
Congenital debility and malformation, including premature births	2	...	8	4	19	12	6	4	1	...	56
Suicide	1	1	...	...	...	1	...	2	...	1	6
Other deaths from violence	2	2	3	1	3	3	1	...	1	2	18
Other defined diseases	14	12	12	13	10	23	6	4	7	14	115
Causes ill-defined or unknown... ..	...	1	...	1	...	...	...	...	...	...	2
TOTAL DEATHS	91	84	85	100	113	141	87	48	48	47	844



APPENDIX 4—TABLE SHEWING CAUSES OF, AND AGES AT DEATH.

CAUSE OF DEATH	Deaths at the subjoined ages of "Residents" whether occurring within or without the District.										Total deaths whether of "Residents or Non-residents" in Institutions in the district	Increase or Decrease as compared with 1931.
	ALL AGES	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and under 75	75 and upwards.		
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	— 2
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	same
Measles ...	...	...	...	...	...	...	...	...	...	...	...	—25
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	same
Whooping Cough ...	12	9	3	...	...	...	...	...	...	...	1	— 7
Diphtheria ...	2	...	...	2	...	...	...	...	...	...	...	same
Influenza ...	17	...	...	1	2	2	5	3	4	...	2	—25
Encephalitis Lethargica	2	...	...	1	...	...	1	...	...	...	...	+ 1
Meningococcal meningitis	6	...	...	1	2	3	...	...	...	...	1	+ 4
Tuberculosis of the respiratory system ...	49	...	...	...	2	18	17	10	2	...	15	—12
Other tuberculous diseases ...	32	3	5	4	11	4	2	2	1	...	13	+15
Cancer, malignant disease... ..	102	...	...	...	...	...	9	38	41	14	22	+14
Rheumatic Fever ...	3	...	...	...	1	1	...	...	1	...	...	+ 3
Diabetes ...	6	...	...	...	...	...	2	...	3	1	1	— 1
Cerebral haemorrhage, etc. ...	53	...	...	...	...	...	1	16	27	9	14	— 8
Heart disease ...	164	...	...	...	1	5	10	39	57	52	24	+ 7
Bronchitis ...	50	19	1	1	1	...	2	8	11	7	3	— 2
Pneumonia (all forms) ...	65	12	12	7	3	3	8	13	3	4	11	—48
Other respiratory diseases ...	14	...	...	...	...	...	4	4	2	4	...	—13
Ulcer of stomach or duodenum ...	5	...	...	...	...	1	2	1	1	...	2	— 6
Diarrhoea, etc. ...	26	16	3	3	...	...	...	...	2	2	5	+12
Appendicitis and typhlitis ...	4	...	...	...	1	...	...	2	1	...	3	+ 2
Cirrhosis of liver ...	2	...	...	...	...	...	1	1	...	...	...	— 1
Acute and chronic nephritis ...	29	...	...	...	2	...	3	13	9	2	2	+ 4
Puerperal sepsis... ..	3	...	...	...	...	...	3	...	...	...	2	+ 3
Other accidents and diseases of pregnancy and parturition ...	1	...	...	...	...	...	1	...	...	...	...	— 3
Congenital debility and malformation, pre-mature birth ...	56	56	...	...	...	...	...	...	...	...	14	+ 3
Suicide ...	6	...	...	...	...	2	1	3	...	...	...	— 1
Other deaths from violence ...	18	1	...	1	2	2	4	5	1	2	5	— 7
Other defined diseases ...	115	10	2	1	6	4	11	27	16	38	30	—33
Causes ill-defined or unknown ...	2	...	...	...	...	...	...	...	1	1	...	— 3
TOTAL DEATHS...	844	126	26	22	34	45	87	185	183	136	170	—129



APPENDIX 5.

WEEKLY RETURN OF DEATHS FROM CHEST DISEASES.

Week ending :

Disease	1—2 Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	5th Mar.	12th Mar.	19th Mar.	26th Mar.	2nd Apl.	9th Apl.	16th Apl.	23rd Apl.	30th Apl.	7th May	14th May	21st May	28th May	4th June	11th June	18th June	25th June	2nd July
Whooping Cough	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	1	1	...	1	...	...	1
Influenza	...	...	1	1	...	...	...	...	...	...	1	2	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...
Phthisis	...	1	2	1	2	...	1	1	...	1	1	1	2	...	...	...	1	...	1	1	...	...	1	2	...	2	...
Bronchitis	...	1	...	...	1	2	...	...	1	2	3	1	1	2	2	...	1	2	2	2	...	...	1	...	1	1	2
Pneumonia	...	1	8	3	2	1	...	1	1	2	...	...	1	2	1	1	1	1	3	1	4	1	...	1	1	...	1
Heart Disease	...	1	3	3	3	3	5	2	5	5	3	5	4	1	3	1	4	3	5	5	4	7	1	2	5	2	2
Other Respiratory Diseases	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	1	...	1	1	...	...	...	...
Totals	...	5	14	9	8	7	6	5	7	11	8	8	11	5	8	2	8	6	12	10	8	11	5	5	8	5	5

Week ending :

Disease	9th July	16th July	23rd July	30th July	6th Aug.	13th Aug.	20th Aug.	27th Aug.	3rd Sept.	10th Sept.	17th Sept.	24th Sept.	1st Oct.	8th Oct.	15th Oct.	22nd Oct.	29th Oct.	5th Nov.	12th Nov.	19th Nov.	26th Nov.	3rd Dec.	10th Dec.	17th Dec.	24th Dec.	31st Dec.	Total
Whooping Cough	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	12
Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	6	17
Phthisis	...	1	2	1	1	3	...	...	1	...	1	...	1	...	...	1	1	2	4	1	2	...	1	1	1	2	49
Bronchitis	...	...	1	...	1	1	2	...	...	...	1	1	3	1	1	1	...	...	...	2	1	2	...	...	...	4	50
Pneumonia	...	...	1	1	...	1	...	...	...	1	1	2	...	1	1	2	3	1	1	2	1	1	2	1	2	...	65
Heart Disease	...	3	2	2	3	5	3	1	...	2	2	7	...	2	1	2	1	5	2	3	3	6	4	5	3	5	164
Other Respiratory Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	1	...	14
Totals	...	4	8	5	5	10	5	1	1	3	5	10	4	4	4	5	5	7	7	10	8	10	9	8	7	6	371

APPENDIX 6.—DEATHS.

	West Hartle- pool.	WARDS								Transferable deaths.
		North	West	Park	S. West	S. East	Central	N. East	Seaton	
Estimated population	69,830	10,185	7,637	8,599	10,443	9,068	10,317	7,850	5,731	...
No. of deaths	844	91	84	85	100	113	141	87	48	+95
Death rates	12·08	8·9	11·0	9·9	9·6	12·4	13·7	11·1	8·4	...
Percentage of total deaths	...	10·8	10·0	10·0	11·8	13·4	16·7	10·3	5·7	11·3

DEATH RATES.

Year	West Hartlepool		England & Wales Death rate
	No. of Deaths	Death rate	
1922	956	13·6	12·9
1923	780	10·9	11·6
1924	1,000	13·9	12·2
1925	960	13·4	12·2
1926	833	11·7	11·6
1927	1,070	14·9	12·3
1928	893	12·7	11·7
1929	1,089	15·6	13·4
1930	824	11·8	11·4
1931	973	14·2	12·3
1932	844	12·0	12·0

APPENDIX 7.—TRANSFERABLE DEATHS.

INSTITUTION.					MALES	FEMALES	TOTAL.
Howbeck Infirmary, West Hartlepool	...	...	...	...	24	21	45
Port Sanitary Hospital, Hartlepool	...	...	...	...	3	4	7
Hartlepoons Hospital, Hartlepool	...	...	...	...	6	7	13
Stockton and Thornaby Hospital	...	...	...	...	...	1	1
County Mental Hospital, Morpeth	...	...	...	...	1	...	1
County Lunatic Asylum, Sedgefield	...	...	...	...	3	...	3
York County Asylum	...	...	...	...	1	3	4
Royal Victoria Infirmary, Newcastle-on-Tyne	...	...	...	...	1	...	1
Other Areas	...	...	...	...	9	8	17
Totals ...					48	44	92

APPENDIX 8.**CANCER DEATHS.**

Year	No. of deaths	Males	Females	Death rate	Deaths from all causes	Percentage of total deaths
1923	67	30	37	.94	780	8.6
1924	79	46	33	1.1	1,000	7.9
1925	97	47	50	1.3	960	10.1
1926	69	34	35	.97	833	8.2
1927	90	39	51	1.26	1,070	8.4
1928	92	45	47	1.3	893	10.3
1929	104	48	56	1.48	1,089	9.5
1930	95	39	56	1.3	824	11.5
1931	88	41	47	1.28	973	9.1
1932	102	62	40	1.46	844	12.1

APPENDIX 9.**CANCER DEATHS—PARTS OF BODY AFFECTED.**

Parts affected	Age Sex	Under 35		35 to 45		45 to 55		55 to 65		65 to 75		Over 75		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestines and Rectum	...	...	...	3	...	1	1	8	...	7	...	3	2	22	3
Stomach, Liver, etc.	...	...	...	1	1	4	3	5	2	10	9	2	...	22	15
Reproductive Organs	...	...	...	1	...	...	...	1	1	3	...	1	2	6	3
Breast ...	...	...	1	...	...	...	2	...	2	2	...	...	1	2	6
Other Glands ...	...	...	...	...	...	1	...	...	...	3	1	1	...	5	1
Mouth ...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
Bones ...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1
Other Parts ...	...	...	...	...	2	1	1	1	3	1	3	1	1	4	10
Totals ...	...	...	1	5	3	7	7	15	8	28	14	8	6	63	39

The deaths were ascribed to :—

		No. of deaths.
Carcinoma	... ..	74
Sarcoma	... ..	1
Cancer (no classification)		27
Total	...	102

APPENDIX 10.—INFANTILE MORTALITY RATES.

Year	West Hartlepool			England & Wales Rate
	Births	Deaths	Rate	
1922	1,853	186	100	77
1923	1,740	160	91	69
1924	1,670	147	88	75
1925	1,599	163	101	75
1926	1,587	118	74	70
1927	1,441	142	98	69
1928	1,509	109	71	65
1929	1,455	166	114	74
1930	1,528	83	54	60
1931	1,422	136	96	66
1932	1,415	126	89	65

APPENDIX 11.—INFANT MORTALITY IN THE WARDS.

DISEASE.		North	West	Park	S. West	S. East	Central	N. East	Seat'n	D'ths in Work- house	Other trans- ferable deaths	Total
Whooping Cough	...	2	...	...	1	...	3	2	...	1	...	9
Bronchitis	...	2	1	...	4	3	8	1	...	...	...	19
Pneumonia	...	1	1	...	...	4	3	2	...	1	...	12
Malformations	...	...	...	...	...	1	1	1	1	...	1	5
Debility	...	1	...	1	1	5	...	...	...	...	...	8
Marasmus	...	...	...	1	...	3	5	...	...	1	...	10
Premature Births	...	...	...	6	2	10	5	3	2	1	...	29
Convulsions	...	1	...	1	...	...	2	1	1	...	..	6
Diarrhoea and Enteritis	...	2	...	1	2	4	2	1	2	1	...	16
Tuberculosis	...	...	1	...	...	...	...	2	...	...	...	3
All other causes	...	...	...	...	3	...	4	1	1	...	...	9
Total	...	9	3	10	13	30	33	14	6	6	2	126

APPENDIX 12.**MARRIAGES.**

Year	Number of marriages		Marriage rate	
1923	...	543	...	15·3
1924	...	561	...	15·8
1925	...	539	...	15·05
1926	...	632	...	17·7
1927	...	563	...	15·7
1928	...	562	...	16·1
1929	...	644	...	18·6
1930	...	639	...	18·5
1931	...	573	...	16·8
1932	...	659	...	18·8

APPENDIX 13.—INFANT MORTALITY DURING THE YEAR.

Deaths from stated causes at various ages under 1 year of age.

CAUSE OF DEATH	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1 month & under 3 months	3—6 months	6—9 months	9—12 months	Total deaths under 1 year
Whooping Cough	...	...	...	1	1	3	2	1	2	9
Bronchitis	...	...	...	...	1	9	3	3	3	19
Pneumonia	...	...	...	...	...	...	3	3	6	12
Malformations	...	...	...	1	3	...	2	...	...	5
Debility	...	...	2	2	7	1	...	...	...	8
Marasmus	...	3	...	...	3	2	5	...	...	10
Premature Births	...	26	2	...	29	...	...	...	...	29
Convulsions	...	1	...	2	3	2	1	...	...	6
Diarrhoea and Enteritis	...	...	...	1	1	6	6	3	...	16
Tuberculosis	...	...	...	...	...	...	2	1	...	3
Heart Disease	...	1	...	...	1	...	...	1	...	2
Violence	...	...	...	...	...	1	...	...	...	1
All other Causes	...	3	...	...	4	...	1	1	...	6
Totals	...	37	4	7	53	24	25	13	11	126
All Causes { Certified Uncertified	...	33	4	7	49	23	25	13	11	121
	...	4	...	...	4	1	...	...	...	5

APPENDIX 14.

Midwives Act, 1902.

MIDWIVES ON ROLL, 1932.

53585	13th April 1921	Mrs. D. Barlow,	4 Jesmond Road
56187	11th February, 1922	Mrs. I. Batey,	24 Bright Street
76248	10th August, 1929	Miss E. Bushell,	Grantully Maternity Home
8282	8th May, 1929	Miss A. Chapman,	Grantully Maternity Home
39605	21st February, 1914	Mrs. M. G. Craven,	67 South Parade
79521	22nd November, 1930	Miss E. Foster,	100 Hart Road, Hartlepool
46066	11th August, 1917	Miss H. M. Granger,	"Amalinda," Windermere Road
72784	25th February, 1928	Mrs. H. E. Hutchinson,	9 Southburn Terrace
67863	12th December, 1925	Mrs. O. Kay,	18 South Scarborough Street
63984	9th August, 1924	Miss E. King,	51 Tower Street
77137	23rd November, 1929	Miss N. E. Maher,	Grantully Maternity Home
63519	14th June, 1924	Mrs. M. A. Mitchell,	21 Harwood Street
69658	14th August, 1926	Mrs. C. F. Montgomerie,	41 Collingwood Rd.
41864	20th February, 1915	Miss A. Nixon,	Private Hospital, Eldon Gr.
70171	16th December, 1926	Miss M. Peart,	191 Alma Street
67935	12th December, 1925	Mrs. B. Phillips	233 York Road
74766	24th November, 1928	Mrs. W. Pickering,	60 Beechwood Road
79836	22nd November, 1930	Miss D. Ridden,	Grantully Maternity Home
34761	28th October, 1911	Mrs. A. E. Skeen,	7 Fountain Terrace
5581	21st August, 1923	} Miss J. Wight,	Grantully Maternity Home
	(Scotland)		
77429	(England)	} Miss G. M. Wilkinson,	Grantully Maternity Home
58166	9th August, 1922		
77357	16th November, 1929	Miss E. Varcare,	Grantully Maternity Home
75078	23rd February, 1929	Miss E. H. Davies,	Howbeck Infirmary
80176	February, 1931	Miss H. McA. Donachie,	Howbeck Infirmary
9802	24th November, 1904	Mrs. M. Massey,	14 Whitby Street

APPENDIX 15.**PUBLIC ABATTOIR.**

Animals Slaughtered at Abattoir.

YEAR	BEASTS	SHEEP	CALVES	PIGS	TOTAL
1923	2924	8165	401	5186	16,676
1924	3074	8195	338	7054	18,661
1925	3340	8665	331	7694	20,030
1926	3245	9302	277	5237	18,061
1927	3333	10984	305	5917	20,539
1928	3518	11028	452	7636	22,634
1929	3670	9919	481	7089	21,159
1930	3719	9925	425	5520	19,589
1931	3463	9454	318	6469	19,704
1932	3609	12352	297	9324	25,582

APPENDIX 16.**TUBERCULOSIS IN ANIMALS.**

SLAUGHTERED AT ABATTOIR.

Animal	No. totally condemned		No. partially condemned	
Cows	...	33	...	35
Heifers and Bullocks	...	8	...	21
Pigs	...	11	...	14
		—		—
Totals	52	...	70	

APPENDIX 17.

CARCASSES DESTROYED FOR DISEASES OTHER THAN TUBERCULOSIS.

BEEF		MUTTON		PORK	
Disease	No.	Disease	No.	Disease	No.
Found Dead	2	Found Dead	3	Arrived Dead	1
Emaciation	1	Septicaemia	1	Dropsy	2
Pyæmia	1	Inflammation	1	Dropsy &	
		Improperly Bled	1	Emaciation	1
		Dropsy	1	Swine Fever	7
		Abscesses	1		
		Emaciation &			
		Flukes	4		
Total ...	4	Total ...	12	Total ...	11

APPENDIX 18.—ORGANS AND PARTS OF CARCASSES DESTROYED FOR DISEASES
OTHER THAN TUBERCULOSIS.

Diseases					Offal only	Part of carcase & all offal	Part of carcase & part of offal	Livers	Lungs	Udders
Mammitis	...	...	...	...	...	...	...	...	...	3
Flukes	...	...	...	...	...	...	...	940	2	...
Cysts	...	...	...	...	...	...	1	17	2	...
Inflammation	...	...	...	...	2	...	1	45	11	...
Abscesses	...	...	...	...	...	1	...	9	...	...
Pleurisy	...	...	...	...	...	2	1	1	1	...
Nephritis	...	...	...	...	...	...	1	...	...	...
Cirrhosis	...	...	...	...	...	...	...	1	...	...
Totals	...	...	...	...	2	3	4	1013	16	3

APPENDIX 19.

FOOD SURRENDERED AND DESTROYED.

250 cases
100 couples } Rabbits.

15 tins Pork Brawn.

4 tins and $5\frac{1}{4}$ lbs. Cooked Ham.

3 tins Tongue.

2 tins Corned Beef.

7 tins liquid Egg.

22 boxes Sweets.

2 parts Custard.

APPENDIX 20.

SALE OF FOOD AND DRUGS ACTS—ADULTERATED SAMPLES—ACTION TAKEN.

Article Purchased	Number Analysed	Formal Samples	Informal Samples	Number Genuine	Number Adulter- ated.	No. of Sample	Nature of Adulteration	Remarks and Action Taken
Milk	66	65	1	59	7	917 938 939 953 954 961 1010	Below standard in fat Below standard in non-fatty solids .. Below standard in non-fatty solids .. Below standard in non-fatty solids .. Below standard in fat Below standard in fat	Vendor cautioned Letter of caution to farmer No action taken do. Vendor cautioned do.
Pepper	4	..	4	4	..	..	.. .. .	..
Lard	4	..	4	4	..	..	.. .. .	..
Butter	10	2	8	8	2	892 964	Contains 16.65% water Contains slight excess of water	Formal sample taken No action taken
Tea	5	..	5	5	..	..	.. .. .	..
Coffee	1	..	1	1	..	..	.. .. .	..
Tinned Peas	1	..	1	1	..	..	.. .. .	..
Packet Cocoa	1	..	1	1	..	..	.. .. .	..
Golden Syrup	1	..	1	1	..	..	.. .. .	..
Black Currant Jam	1	..	1	1	..	..	.. .. .	..
Baking Powder	2	..	2	2	..	..	.. .. .	..
Tinned Cream	4	..	4	4	..	..	.. .. .	..
Dried Milk	2	..	2	2	..	..	.. .. .	..
Sausage	3	..	3	3	..	..	.. .. .	..
Raisins	1	..	1	1	..	..	.. .. .	..
Dried Apricots	1	..	1	1	..	..	.. .. .	..
Sauces	2	..	2	2	..	..	.. .. .	..
Tinned Rice Flour	1	..	1	1	..	..	.. .. .	..
Custard Powder	1	..	1	1	..	..	.. .. .	..
Curd	1	..	1	1	..	..	.. .. .	..
Saveloys	1	..	1	1	..	..	.. .. .	..
Salad Cream	1	..	1	1	..	..	.. .. .	..
Lemon Cheese	1	..	1	1	..	..	.. .. .	..
Cream	2	..	2	2	..	..	.. .. .	..
Ham and Tongue Paste	1	..	1	1	..	..	.. .. .	..
Lemon Crystals	1	..	1	1	..	..	.. .. .	..
Table Vinegar	1	..	1	1	..	..	.. .. .	..
Beer	3	..	3	3	..	..	.. .. .	..
Self-raising Flour	1	..	1	1	..	..	.. .. .	..
Jar of Honey	1	..	1	1	..	..	.. .. .	..
Condensed Tomato Soup	1	..	1	1	..	..	.. .. .	..
Margarine	5	3	2	3	2	1001 1014	Contains water in excess Contains water in excess	Formal sample taken Vendor cautioned
Condensed Milk	1	..	1	1	..	..	.. .. .	..
Bread	1	..	1	1	..	..	.. .. .	..
Rum	3	3	..	3	..	..	.. .. .	..
Whisky	3	3	..	3	..	..	.. .. .	..
Gin	2	2	..	1	1	1026	35° 28 degrees under proof	Vendor cautioned
Brandy	2	2	..	2	..	..	.. .. .	..
Ground Almonds	2	..	2	2	..	..	.. .. .	..
Lemon Peel	1	..	1	1	..	..	.. .. .	..
Mincemeat	1	..	1	1	..	..	.. .. .	..
Raspberry Wine	1	..	1	..	1	1034	Not a genuine Fruit Wine	Formal sample taken (Jan. 1933)

NOTIFIED CASES OF INFECTIOUS DISEASES, 1913--1932.

Disease	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	35	11	4	1	...	...	...	...
Chickenpox	...	...	...	...	...	...	...	...	...	...	...	...	252 <i>a</i>	117 <i>b</i>	394	674	339	78 <i>d</i>	<i>c</i>	<i>c</i>
Scarlet Fever	330	146	78	61	32	117	506	213	142	96	167	327	254	242	138	136	95	130	164	91
Diphtheria (including Membranous Croup)	...	29	43	37	25	32	31	55	39	20	37	43	41	52	97	108	140	160	48	21
Erysipelas	...	44	35	18	23	31	30	23	19	20	18	27	27	26	19	31	31	42	28	20
Enteric Fever	...	16	11	9	1	7	4	5	8	3	5	8	2	...	4	1	39	25	17	2
Puerperal Fever	1	3	1	4	4	4	7	8	6	10	9	5	5	3	3	4	4	1	1	2
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...	...	...	...	...	11	17	19	10	11	7	12
Cerebro-Spinal Meningitis	...	1	...	6	3	3	7	2	1	...	...	...	1	...	...	...	...	...	2	11
Poliomylitis	...	...	...	...	...	...	2	1	...	2	3	...	...	...	...	1	2	...	...	1
Pulmonary Tuberculosis	211	112	127	104	134	175	118	91	130	104	100	82	89	104	113	99	81	105	100	83
Other Forms of Tuberculosis	152	85	79	103	117	87	51	77	64	65	64	47	70	97	68	83	81	73	67	88
Ophthalmia Neonatorum	7	25	21	42	35	41	49	62	28	39	24	19	14	22	11	22	17	10	14	15
Measles	...	...	...	39	1694	1835	308	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>
Encephalitis Lethargica	...	...	...	...	...	...	2	...	...	...	...	5	1	2	2	1	3	2	1	2
Polioencephalitis	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	3	2	...	...	1	...	...	...	...	1	1	...	...	...
Malaria	...	...	...	...	...	...	45	3	...	...	...	...	...	...	...	1	...	...	1	...
Pneumonia	...	...	...	...	...	...	117	156	115	133	110	257	219	88	319	268	302	181	218	155
Acute Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Totals ...	812	461	396	423	2068	2332	1282	701	552	492	538	820	1005	775	1189	1450	1145	818	668	504

a—Notifiable for 6 months of year.

b—Notifiable from 29/9/26.

c—No longer notifiable.

d—Notifiable for 3 months of year.

APPENDIX 22.—NOTIFIABLE DISEASES DURING THE YEAR.
HOSPITAL TREATMENT.

DISEASE.						Total cases notified	No. of such cases treated in Hospital.	Total deaths.
Scarlet Fever	...	...	...	...	...	91	66	...
Diphtheria	...	...	...	...	...	21	16	2
Enteric Fever	...	...	...	...	...	2	2	...
Puerperal Fever	...	...	...	...	...	2	2	1
Puerperal Pyrexia	...	...	...	...	...	12	2	...
Cerebro-spinal Fever	...	...	...	...	...	11	9	6
Ophthalmia Neonatorum	...	...	...	...	...	15	3	...
Pneumonia	...	...	...	...	...	155	14	65
Erysipelas	...	...	...	...	...	20	4	...
Encephalitis Lethargica	...	...	...	...	...	2	...	2
Acute Encephalitis	...	...	...	...	...	1	...	...
Acute Poliomyelitis	...	...	...	...	...	1	1	...

DISEASE				HOSPITAL					Total
				H'pool Hospital	Cameron Hospital	Howbeck Infirmary	Port Sanitary Hospital	Grantully	
Scarlet Fever	..	..	..	..	..	..	66	..	66
Diphtheria..	..	..	..	..	..	..	16	..	16
Enteric Fever	..	..	..	..	..	..	2	..	2
Puerperal Fever	..	..	..	..	..	2	..	..	2
Puerperal Pyrexia	..	..	..	1	..	1	..	..	2
Cerebro-Spinal Fever	..	..	..	..	1(a)	3(b)	8	..	9
Ophthalmia Neonatorum	..	..	..	..	..	2	..	1	3
Pneumonia	..	..	..	..	5	8	1	..	14
Erysipelas	..	..	..	..	..	1	3	..	4
Acute Poliomyelitis	..	..	..	..	1	..	1(c)	..	1
Septic Meningitis	..	..	..	..	..	..	1	..	1
Total	..	..	..	1	7	17	98	1	120

Disease	Notified	Cases		Vision un-impaired	Vision impaired	Total blind-ness	Deaths
		Treated					
		At home	Hospital				
Ophthalmia Neonatorum	15	12	3	15	...	...	...

- (a) 1 case transferred from Cameron Hospital to Port Sanitary Hospital.
- (b) 2 cases transferred from Howbeck Infirmary to Port Sanitary Hospital.
- (c) 1 case transferred from Port Sanitary Hospital to Cameron Hospital.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES—NOTIFIED CASES, 1932.

Cases notified in whole district.																	No. of cases treated in hospital	Total deaths in the Borough					
DISEASE.	At age groups—years.																						
	At All ages	Un-der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and up										
Scarlet Fever	91	...	...	5	10	6	38	25	5	...	2	...	...	13	17	16	14	9	4	11	7	66	...
Enteric Fever	2	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	1	...	...	...	2	...
Diphtheria...	21	...	...	1	2	3	2	7	1	5	...	...	...	7	1	1	3	1	4	4	...	16	2
Puerperal Fever	2	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	1	...	...	...	2	1
Puerperal Pyrexia	12	...	...	...	...	...	...	...	2	10	...	...	...	2	2	...	...	2	3	2	1	2	...
Pneumonia	155	1	8	8	6	2	17	21	15	25	17	27	8	28	16	16	17	25	30	17	6	14	65
Erysipelas ...	20	1	...	...	...	...	...	2	...	3	2	10	2	5	1	3	5	1	1	...	4	4	...
Ophthalmia Neonatorum	15	15	...	...	...	...	...	...	...	...	...	...	...	5	2	3	1	1	3	...	...	3	...
Encephalitis Lethargica	2	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	1	...	...	...	...	2
Acute Encephalitis	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Cerebro-spinal Fever	11	...	1	...	...	...	4	...	3	3	...	...	...	...	1	1	2	...	2	...	4	9	6
Acute Poliomyelitis	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...
Pulmonary Tuberculosis	83	...	...	...	1	...	3	6	13	32	10	17	1	12	8	7	7	14	20	12	3	18	49
Non-pulmonary Tuberculosis	88	3	8	5	4	1	24	20	7	8	2	5	1	15	10	8	6	19	15	13	2	52	32
Totals ...	504	20	17	19	24	12	88	84	46	89	34	59	12	89	61	55	56	75	82	59	27	189	157

APPENDIX 24.

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ALL NOTIFIED CASES OF TUBERCULOSIS, 1932.

AGE	Lungs			Abdomen			Meninges			Joints			Spine			Other Organs			Disseminated			All Forms		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Under 1 year	...	...	...	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
1 and under 2	...	...	...	2	2	4	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	3	5	8
2—3	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5
3—4	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4	1	5
4—5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
5—10	3	...	3	3	2	5	2	1	3	1	2	3	1	...	...	6	7	1	...	...	...	16	11	27
10—15	6	...	6	4	1	5	2	1	3	1	1	2	1	...	...	1	5	6	...	...	...	17	9	26
15—20	8	5	13	...	...	...	...	...	2	2	4	1	1	...	...	...	1	2	...	...	...	12	8	20
20—25	6	9	15	...	2	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	7	12	19
25—35	9	8	17	1	1	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	10	11	21
35—45	4	6	10	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	5	7	12
45—55	8	4	12	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	10	5	15
55—65	4	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	1	7
Over 65	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Totals	50	33	83	15	7	22	5	5	10	9	7	16	4	2	6	14	17	31	2	1	3	99	72	171

APPENDIX 25.

TUBERCULOSIS—New Cases and Mortality during 1932.

AGE PERIODS		NEW CASES				DEATHS			
		Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
		M	F	M	F	M	F	M	F
0		...	...	3	...	...	...	4	...
1 year		1	...	10	8	...	...	3	5
5 years	...	3	...	13	11	1	...	3	3
10 "	...	6	...	11	9	...	1	3	2
15 "	...	8	5	4	3	4	4	2	...
20 "	...	6	9	1	3	7	5	1	1
25 "	...	9	8	1	3	3	4	...	2
35 "	...	4	6	1	1	2	5	...	...
45 "	...	8	4	2	1	9	...	...	2
55 "	...	4	1	2	...	...	...	...	...
65 " and upwards	...	1	...	1	...	4	...	1	...
Totals	...	50	33	49	39	30	19	17	15

APPENDIX 26.

TUBERCULOSIS—Number of cases on the Register on the 31st Dec., 1932.

PULMONARY.			NON-PULMONARY.			TOTAL CASES
Males	Females	Total	Males	Females	Total	
134	107	241	137	143	280	521

APPENDIX 27.**DEATHS FROM TUBERCULOSIS.**

Interval between Notification and Death.

Period		PARTS AFFECTED					TOTAL
		Lungs	Bones	Meninges	General	Abdominal	
Not notified	...	2	1	3	2	2	10
0—1 week	...	3	...	5	3	3	14
1—4 weeks	...	3	...	3	2	1	9
1—3 months	...	9	...	...	2	...	11
3—6 months	...	4	...	1	...	...	5
6—12 months	...	7	...	...	...	...	7
1—2 years	...	10	1	...	...	...	11
2—5 years	...	8	...	...	...	...	8
Over 5 years	...	3	1	1	1	...	6
Totals	...	49	3	13	10	6	81

APPENDIX 28.

BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY DURING 1932.

	Rate per 1,000 total population		Annual Death Rate per 1,000 Population.									Rate per 1,000 Live Births		Percentage of Total Deaths.			
	Live Births	Still-Births	All Causes	Enteric Fever	Smallpox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year.	certified by Registered Medical Practitioners	Inquest Cases	Certified by Coroner after P.M. no Inquest	Uncertified Causes of Death
England and Wales ...	15.3	0.66	12.0	0.01	0.00	0.08	0.01	0.07	0.08	0.32	0.53	6.6	65	91.1	6.2	1.8	0.9
118 County Boroughs and Great Towns, including London ...	15.4	0.70	11.8	0.00	0.00	0.11	0.01	0.08	0.07	0.28	0.48	8.9	69	91.3	5.9	2.3	0.5
126 Smaller Towns (estimated resident populations 25,000—50,000 census 1931)	15.4	0.69	10.8	0.00	0.00	0.06	0.01	0.06	0.03	0.31	0.42	4.5	58	91.9	5.8	1.3	1.0
London ...	14.2	0.51	12.3	0.00	0.00	0.19	0.02	0.08	0.07	0.27	0.53	12.6	66	89.4	6.2	4.4	0.0
West Hartlepool ...	20.3	1.03	12.08	0.00	0.00	0.00	0.00	0.17	0.03	0.24	0.34	13.4	89	93.97	3.55	0.47	2.01

Annual Report of the Medical Officer of Health for the year 1932, for the County Borough of West Hartlepool on the administration of the Factory and Workshop Act, 1901, in connection with

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections (2)	Written notices (3)	Prosecutions (4)
Factories Including Factory Laundries	30	14	...
Workshops Including Workshop Laundries	82	18	...
Workplaces Other than Outworkers' Premises	16	5	...
Totals	128	37	...

2.—Defects found in Factories, Workshops and Workplaces.

PARTICULARS. (1)	Number of defects.			Number of offences in respect of which prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	14	14	...	...
Want of ventilation	...	...	...	...
Overcrowding	...	...	...	...
Want of drainage of floors	2	2	...	...
Other nuisances	12	12	...	...
Sanitary accommodation { insufficient	2	2	...	...
{ unsuitable or defective	15	15	...	...
{ not separate for sexes	3	3	...	...
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101)	...	...	...	...
Other offences (Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921)	1	1	...	...
Totals	49	49	...	...

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901 as remediable under the Public Health Acts.

